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Anderson

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(54) **METHOD AND APPARATUS FOR
DETECTING MISALIGNED TRACKS**

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(58) Field of Search 246/121, 120

(56) **References Cited**

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(57) **ABSTRACT**

A warning system for identifying a track misalignment. An RF generator and horn antenna direct energy onto a track rail that acts as a traveling wave antenna. An antenna near a potential discontinuity radiates RF energy, the amount of energy radiated being related to the amount of misalignment in the track. If radiated energy exceeds a certain threshold, a receiver energizes an alarm that announces a misalignment.

20 Claims, 2 Drawing Sheets

